



RECEIVED PATENT

ATTORNEY DOCKET NO. PARSE-C1
CUSTOMER NO: 36038

TC 1700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)
M. Seul *et al.*)
Serial No. 09/768,413) Group Art Unit:
Filed: 1/24/2001) Examiner:
For: SYSTEM AND METHOD FOR)
PROGRAMMABLE ILLUMINATION)
PATTERN GENERATION)

Commissioner for Patents
PO Box 1450
Alexandria VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants submit the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed (as checked below):

- within three months of the filing date of the above-referenced application**
- within three months of the date of entry of the national stage in a § 371 application; or**
- X before the mailing of a first Office Action on the merits for the above-referenced application.**

Copies of the listed documents, other than United States patents, are included.

Applicants respectfully request that the Examiner consider the listed documents and

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indicate that they were considered by making appropriate notations on the attached PTO 1449 form.

N/A: English translations of the non-English documents are attached.

_____ The following is a concise statement of the relevance of the non-English language documents.

_____ In lieu of a statement of relevance or translation of the non-English language documents, an English language version of a search report from a foreign patent office in a corresponding application citing these documents and setting forth the relevance thereof is enclosed.

This submission does not represent that: (i) Applicant has read or analyzed any of the documents cited herein, except as otherwise provided; (ii) a search has been conducted; (iii) that no other documents exist which may be material to the examination of this application exist; or (iv) that any of the listed documents, or any part thereof, are material or constitute prior art under title 35 of the United States Code. Applicant reserves the right to present evidence and arguments to counter an assertion that any such documents are prior art, and/or to establish the patentability of the claimed invention.

Respectfully Submitted,

BY: 

Eric P. Mirabel
Reg. No. 31,211
Bioarray Solutions, Ltd.
35 Technology Drive
Warren NJ 07059
(908) 226 8200 (ext 203)

Applicants) hereby petitions for any extension of time or for any other grounds needed to make this submission timely and proper. The Commissioner is hereby authorized to charge any fees due in connection with this submission and not otherwise covered by payment included herewith, or to credit any overpayment, to Deposit Account No. 502088.

I hereby certify that, on the date indicated below, this correspondence and all attachments indicated herein are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria VA 22313-1450

By: 

Date: 8/20/03

Please type a plus sign (+) inside this box

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Approved for use through 10/31/2002. GMB-0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1

OF 11

Complete if Known

Application Num b r: 09/768,413

Filing Dat : 1/24/01

First Named Inventor: M. Seul, et al.

Group Art Unit: 1743

Examiner Name:

Attorney Docket Number: PARSE - Con 1

Examiner Initials	U.S. Documents		U.S. Patent Document Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number			
	5,723,233		Garza et al.	2/1996
	4,806,776		Kley	8/1985
	6,141,046		Roth et al.	10/31/2000
	6,018,350		Lee, et al.	1/25/2000
	6,023,590		Abe, et al.	2/8/2000
	6,025,905		Sussman	2/15/2000
	6,123,263		Feng	9/26/2000
	6,151,062		Inoguchi et al.	11/21/2000
	3,848,525		Cuglia	12/1976
	3,982,182		Hogg	8/10/76

FOREIGN DOCUMENTS

Examiner Initials	Foreign Patent Documents			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation
	Office	Number	Kind Code (if known)			

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Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Notice of References Cited



Application/Control No.

09/768 4191 P E

Examiner

AUG 22 2003

Applicant(s) /

Reexamination
SEUL, MICHAEL

Art Unit

1743

et al.
Page 2 of 12

U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-5,747,349	05-1998	van den Engh et al.	436
B	US-5,900,481	05-1999	Lough et al.	536
C	US-6,133,436	10-2000	Koster et al.	536
D	US-6,084,991	07-2000	Sampas	382
E	US-5,442,246	06-1995	Koopal et al.	435
F	US-			
G	US-			
H	US-			
I	US-			
J	US-			
K	US-			
L	US-			
M	US-			

FOREIGN PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
N	WO 99/18434	04/15/99	PCT		
O	WO 99/19515	04/22/99	PCT		
P					
Q					
R					
S					
T					

NON-PATENT DOCUMENTS

*	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
U	
V	
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A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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FORM PTO-1449 INFORMATION DISCLOSURE CITATION		Attorney Docket:	Serial No.
		PARSE - cont	1743
		Applicant: Seul et al.	
		Filing Date: 1/24/01	Group Art Unit: 1743

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
	5,281,370	01/25/94	Asher et al.			
	5,516,635	05/15/96	Ekins et al.			
	5,518,883	05/21/96	Soini			
	5,415,835	05/16/95	Brueck			
	5,604,097	02/18/97	Brenner			
	5,800,992	09/01/98	Fodor			
	6,023,540	02/08/00	Walt et al.			
	6,327,410	12/04/01	Walt et al.			
	6,266,459	07/24/01	Walt et al.			
	6,429,027	08/06/02	Chee et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation
	WO 93/02360	02/04/93	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
	WO 96/03212	02/08/96	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
	1,248,873	01/17/89	Canada			<input type="checkbox"/> Yes <input type="checkbox"/> No
	WO 93/06121	04/01/93	PCT			<input type="checkbox"/> Yes <input type="checkbox"/> No
						<input type="checkbox"/> Yes <input type="checkbox"/> No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)

Materials from Freedom of Information Act pertaining to David R. Walt

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Examiner	Date Considered
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	



Sheet 4 of 2

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE								ATTY. DOCKET NO.: PARSE - con	SERIAL NO.: 09/768,444 RECEIVED AUG 27 2003			
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)										APPLICANT(S): SEUL, Michael et al.	GROUP: TC 1700 (743)			
U.S. PATENT DOCUMENTS														
*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	4	4	9	8	0	5	2	2/12/85	Fulwyler	422	52	8/30/82	
	AB	4	8	4	7	5	4	4	3/3/87	Nicoli et al.	436	518	6/25/85	
	AC	4	8	2	2	7	4	6	4/18/89	Walt	436	528	6/25/86	
	AD	4	9	9	4	3	7	3	2/19/91	Stavrianopoulos et al.	435	6	7/20/89	
	AE	5	0	0	2	8	6	7	3/26/91	Macevicz	435	6	10/24/88	
	AF	5	0	2	8	5	4	5	7/2/91	Soini	436	501	6/9/88	
	AG	5	1	0	5	3	0	5	4/14/92	Betzig	359	368	1/10/91	
	AH	5	1	1	4	8	6	4	5/19/92	Walt	436	528	9/19/89	
	AI	5	1	3	2	2	4	2	7/21/92	Cheung	436	501	11/13/89	
	AJ	5	1	3	2	0	9	7	7/21/92	Van Deusen et al.	422	82.09	9/4/90	
	AK	5	1	4	3	8	5	3	9/1/92	Walt	436	501	2/2/89	
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	AL	0	2	6	9	7	6	4	6/8/88	EP	C12Q	1/68		X
	AM	0	4	7	8	3	1	9	4/1/92	EP	C12Q	1/68		X
	AN	0	7	2	3	1	4	6	7/24/96	EP	G01N	21/64		X
	AO	8	9	1	1	1	0	1	11/16/89	PCT	G01N	33/546		X
	AP	9	3	0	2	3	6	0	2/4/93	PCT	G01N	33/536		X
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)														
	AQ	Peterson, et al. "Fiber optic pH probe for physiological use," Anal. Chem. Vol. 52, 864-869 (1980)												
	AR	Peterson, et al. "Fiber-Optic Sensors for Biomedical Applications," Science, 13: 123-127 (1984).												
	AS	Fuh, et al., "Single Fibre Optic Fluorescence pH Probe," Analyst, 112: 1159-1163 (1987).												
EXAMINER										DATE CONSIDERED				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.														

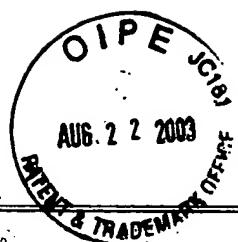
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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE								ATTY. DOCKET NO.: <u>PARSE - cont</u>	SERIAL NO.: <u>09/1768,463</u>				
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)										APPLICANT(S): <u>SEUL, Michael</u>	REC				
										FILING DATE: <u>1/24/01</u>	GROUP: <u>AUG 25 2003</u>				
U.S. PATENT DOCUMENTS															
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
BA		5	1	9	4	3	0	0	3/16/93	Cheung	427	213.31	11/8/89		
BB		5	2	4	4	8	1	3	9/14/93	Walt et al.	436	172	4/20/92		
BC		5	2	4	4	6	3	8	9/14/93	Walt et al.	422	82.07	1/25/91		
BD		5	2	5	0	2	6	4	10/5/93	Walt et al.	422	82.07	12/21/92		
BE		5	2	5	2	4	9	4	10/12/93	Walt	436	528	3/30/92		
BF		5	2	5	4	4	7	7	10/19/93	Walt	436	172	9/19/91		
BG		5	2	9	8	7	4	1	3/29/94	Walt et al.	250	227.23	1/13/93		
BH		5	3	0	8	6	1	8	4/26/94	Prober et al.	435	8	1/16/92		
BI		5	3	2	0	8	1	4	6/14/94	Walt et al.	422	82.07	11/25/92		
BJ		5	3	8	2	6	5	3	11/8/94	Carr et al.	436	165	5/6/92		
BK		5	4	0	5	7	8	4	4/11/95	Van Hoegaerden	436	523	2/25/93		
FOREIGN PATENT DOCUMENTS															
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
		BL	9	3	0	6	1	2	1	4/1/93	PCT	C07H	21/00	YES	NO
		BM	9	3	2	4	5	1	7	12/9/93	PCT	C07K			
		BN	9	7	1	4	0	2	8	4/17/97	PCT	G01N	15/10		
		BO													
		BP													
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)															
BO		Bernard, et al., "A fibre-optic chemical sensor with discrete sensing sites," Nature, vol. 353: 338-340 (1991).													
BR		Campion, et al. "Colored and Fluorescent Solid Supports," Innovation and Perspectives in Solid-Phase Synthesis . Ed: E. Birmingham (Mayflower, London), pp. 469-472 (1994).													
BS		Pope, "Fiber optic chemical microsensors employing optically active silica microspheres," SPIE, vol. 2388 : 245-256 (1995).													
EXAMINER										DATE CONSIDERED					
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>															

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FORM PTO-1440
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SERIAL NO.

PARSE-cont

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GROUP: 2-3

TC 1743

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT(S): SEUL, Michael

et al.

FILING DATE: 1/26/01

1/26/01

1/26/01

U. S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CA	5	4 8 0 7 2 3	1/26/01	Kleiner et al.	428	441	5/17/94
CB	5	8 1 4 5 2 1	8/26/00	Wall et al.	436	518	12/14/95
CC	5	4 8 6 9 9 1	8/6/00	Pope	250	227.21	1/3/94
CQ	5	5 1 2 4 9 0	4/30/00	Wall et al.	438	171	8/11/94
CE	5	8 8 5 3 2 1	10/15/00	Alba et al.	435	6	4/13/94
CP	5	5 6 7 8 2 1	10/22/00	Lehnen	436	518	11/5/93
CG	5	6 3 3 7 2 1	8/27/97	King et al.	358	445	8/29/95
CH	5	8 3 3 9 7 1	8/27/97	Wall et al.	385	116	11/29/95
CI	5	8 6 0 4 8 1	7/22/97	Lawn et al.	530	334	6/19/91
CJ	5	8 6 2 0 5 1	7/29/97	Morin	428	403	1/25/95
CK	5	8 7 4 8 9 1	10/7/97	Zedding et al.	435	7.92	3/30/95

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
CL						YES
CM						
CN						
CO						
CP						

OTHER PRIOR ART CITED BY APPLICANT (See Part 1, Particulars of Art, Part 2, Particulars of Patent)

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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE							ATTY. DOCKET NO.: PARSE-CON	SERIAL NO.: 09/1763,413			
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)									APPLICANT(S): SEUL, Michael	e-REC			
									FILING DATE: 11/25/97	11/25/97 11/25/97 TC 1,00			
U.S. PATENT DOCUMENTS													
*EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
DA		5	6	9	0	8	9	4	11/25/97	Pinkel et al.	422	68.1	5/23/95
DB		5	7	0	0	8	9	7	12/23/97	Klainer et al.	528	15	5/30/95
DC		5	7	7	9	9	7	6	7/14/98	Leland et al.	422	52	6/5/95
DD		5	9	3	9	0	2	1	8/17/99	Hansen et al.	422	55	1/23/97
DE		5	9	6	1	9	2	3	10/5/99	Nova et al.	422	68.1	8/30/96
DF		5	9	6	5	4	5	2	10/12/99	Kovacs	436	149	7/9/96
DG		6	0	4	8	8	9	0	4/11/00	Heller et al.	435	8	5/14/97
DH		6	0	9	0	5	4	5	7/18/00	Wohlstadter et al.	435	6	3/6/97
DI		6	0	9	0	9	1	2	7/18/00	Lebl et al.	530	300	11/23/98
DJ		6	2	0	0	7	3	7	3/13/01	Walt et al.	430	320	8/24/95
DK													
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
												YES	NO
DL													
DM													
DN													
DO													
DP													
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)													
	DQ	Egner, et al., "Tagging in combinatorial chemistry: the use of coloured and fluorescent beads," Chem. Commun. pp. 735-736 (1997)											
	DR	Fulton, et al., "Advanced multiplexed analysis with the FlowMetrix system," Clinical Chemistry, vol. 43:9, pp. 1749-1756 (1997).											
	DS	Scott et al., "Properties of fluorophores on solid phase resins; implications for screening, encoding and reaction monitoring," Bioorganic & Medicinal Chemistry Letters, 7:12, pp. 1567-1572 (1997).											
EXAMINER									DATE CONSIDERED				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													

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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: PARSB-cont	SERIAL NO. 09/168,413		
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT(S): SEUL, Michael et al.			
				FILING DATE: 10/20/00 4/24/01	GROUP: 1743		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EA							
EB							
EC							
ED							
EE							
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EG							
EH							
EI							
EJ							
EK							
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
EL							
EM							
EN							
EO							
EP							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
EQ	Healey et al., "Fiberoptic DNA sensor array capable of detecting point mutations," Analytical Biochemistry, vol. 251, pp. 270-279 (1997).						
ER	"Microsphere Selection Guide," Bangs Laboratories, Inc. (Fisher, IN) (September 1998)						
ES							
EXAMINER				DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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FORM PTO-1449 (REV. 7-80)			U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO.: 191-1006 CON- PA RSB - con	RECEIVED SERIAL NO.: 09/26/03 AUG 2 2003		
LIST OF PRIOR ART CITED BY APPLICANT (Use separate sheet if necessary)			APPLICANT(S): SEUL, Michael			GROUP: 1743			
			FILING DATE: October 17, 2000 1/24/01			TC			
U.S. PATENT DOCUMENTS									
*EXAMINER INITIAL		DOCUMENT NUMBER			DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA								
	BB								
	BC								
	BD								
	BE								
	BF								
FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER			DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
									YES
									NO
	BG								
	BH								
	BI								
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
	BJ	Trau et al., "Field-induced Layering of Colloidal Crystals," <i>Science</i> , vol. 272: 706-709 (1996)							
	BK	Seul et al., "Domain Shapes and Patterns: The Phenomenology of modulated Phases," <i>Science</i> , vol. 267: 476-483 (1995)							
	BL	Schena et al. "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray," <i>Science</i> , vol. 270: 467-470 (1995)							
	BM	Haab et al. "Single Molecule Fluorescence Burst Detection of DNA Fragments Separated by Capillary Electrophoresis," <i>Analytical Chemistry</i> , vol. 67 (No. 18): 3253-3256 (1995)							
	BN	Richetti, et al., <i>J. Physique Lettr.</i> , vol. 45: L-1137 to L-1143 (1984)							
	BO	Sza, "MIS Diode and Charge-Coupled Device," <i>The Physics of Semiconductors</i> , Chapter 7, pp. 362-430 (2 nd Edition) (Wiley Interscience 1981)							
	BP								
	BQ								
	BR								
EXAMINER						DATE CONSIDERED			GROUP 1700 SEP 12 2003 RECEIVED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE							ATTY. DOCKET NO.: <i>PAUSE - cont</i>	SERIAL NO.: <i>04/1768,413</i>			
AUG 22 2003 LIST OF PRIOR ART CITED BY APPLICANT (Use several pages if necessary)									APPLICANT(S): SEUL, Michael	REC'D <i>08/25/03</i>			
									FILING DATE: <i>11/26/03</i>	AUG 25 GROUP: <i>TC 170</i>			
U.S. PATENT DOCUMENTS													
*EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	3	9	8	8	5	2	5	12/21/78	Giglia	350	160	08/21/75
	AB	4	0	7	5	0	1	3	02/21/78	Ward et al.	96	1.5	09/13/76
	AC	4	4	5	6	5	1	3	06/26/84	Kawai et al.	204	180	08/25/82
	AD	4	5	7	5	4	0	7	03/11/88	Diller	204	67	10/24/84
	AE	4	5	9	1	5	5	0	05/27/88	Hafeman et al.	435	4	04/05/84
	AF	5	4	4	4	3	3	0	08/22/95	Leventis et al.	313	506	02/18/93
	AG	5	5	8	7	1	2	8	12/24/96	Wilding et al.	422	50	11/14/94
	AH	5	4	9	8	3	9	2	03/12/96	Wilding et al.	422	68.1	09/19/94
	AI	5	8	5	5	7	5	3	01/05/99	Trau et al.	204	484	11/26/96
	AJ	6	0	3	3	5	4	7	03/07/00	Trau et al.	204	622	01/04/99
	AK												
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
												YES	NO
	AL	9	6	0	4	5	4	7	02/15/96	PCT	601N	27/00	X
	AM												
	AN												
	AO												
	AP												
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)													
	AR	Yeh, et al., "Assembly of ordered colloidal aggregates by electric-field-induced fluid flow," <i>Nature</i> , vol. 386.6: 57-59 (1997)											
	AS	Giersig et al., "Formation of ordered two-dimensional gold colloid lattices by electrophoretic deposition," <i>J. Phys. Chem.</i> , vol. 97: 6334-6336											
	AT	Seul et al., "Scale transformation of magnetic bubble arrays: coupling of topological disorder and polydispersity," <i>Science</i> , vol. 262: 558 - 560 (1993)											
EXAMINER									DATE CONSIDERED				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-1449 (REV. 7-80)	AUG 22 2003	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.: 44-1000-A	SERIAL NO.: 09/168,413
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)		PAPR50-001 REC		12/12/2003
		APPLICANT(S): SEUL, Michael	AUG 27/03	
		FILING DATE: 01/24/01	GROUP: 100	707/0743

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4	7	1	7	6	5	5	01/05/88	Fulwyler	435	7	10/15/84
	AB	5	5	7	3	9	0	8	11/12/96	Singer et al.	435	6	05/20/94
	AC	5	5	8	5	0	6	9	12/17/96	Zanzucchi et al.	422	100	11/10/94
	AD	5	5	9	3	8	3	8	01/14/97	Zanzucchi et al.	435	6	05/31/95
	AE	5	7	2	3	2	1	8	03/03/98	Haugland et al.	428	402	06/07/95
	AF	5	7	4	4	3	0	5	04/28/98	Fodor et al.	435	8	06/06/95
	AG	5	8	0	7	7	5	5	09/15/98	Ekins	436	518	05/23/95
	AH	5	8	3	7	5	5	1	11/17/98	Ekins	436	518	12/23/94
	AI	5	8	7	4	2	1	9	02/23/99	Rava et al.	435	6	04/09/96
	AJ	5	9	8	9	8	3	5	11/23/99	Dunlay et al.	435	7.2	02/27/97
	AK	6	0	2	3	5	4	0	02/08/00	Walt et al.	385	12	03/14/97

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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
													YES	NO	
	AL	9	5	1	2	8	0	8	05/11/95	PCT	601N	21/00			X
	AM	9	6	0	7	9	1	7	03/14/96	PCT	601N	35/00			X
	AN	9	7	4	0	3	8	3	10/30/97	PCT	601N	33/543			X
	AO	9	8	0	6	0	0	7	02/12/98	PCT	603F	7/00			X
	AP	9	8	5	3	3	0	0	11/26/98	PCT	601N	21/00			X

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AR	Micheletto et al., <i>Langmuir</i> , vol. 11, 3333-3338 (1995)
AS	Nagayama et al., <i>Phase Transitions</i> , vol. 45, 185-203 (1993)
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EXAMINER	DATE CONSIDERED

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

SHEET 1OF 1**RECEIVED***Complete If Known*Application Number: 09/718,647Filing Date: AUG 25 2003First Named Inventor: M. Seuff et al.Group Art Unit: 1743 TC 1700Examiner Name: SP 1 PECEZAttorney Docket Number: PARSE - cont

Examiner Initials	U.S. Documents		U.S. Patent Document Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number			
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	6,172,218 B1		Brenner	1/9/2001
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		WO 99/60170		Baier, et al.	11/25/1999
		WO 98/40726		Walt, et al.	2/8/2000
		WO 00/03004		Fechter, et al.	1/20/2000
		WO 00/75373		Walt, et al.	12/14/2000

Examiner Signature		Date Considered	
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